

Remarks

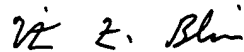
Claims 1-6, 8, 10-17, and 19-25 are pending. Claims 21-25 are indicated as allowable and claims 2-7, 10-14, 16, 17, 19, and 20 are objected to. Claims 1-4, 8, 10-13, 15, 16, 19, and 20 have been amended. Claim 1 has been amended to include the limitation of claim 7, claim 8 has been amended to include the limitation of claim 9, and claim 15 has been amended to include the limitation of claim 18. Claims 2, 4, 10, 11, 12, 16, 19, and 20 have been rewritten in independent form. Claims 7, 9, and 18 have been canceled.

Claims 3, 12, and 19 have been amended to address the objections raised by the Examiner under 37 CFR 1.75(a). As these amendments merely correct typographical errors, Applicant submits that they create no prosecution history estoppel.

In response to the rejection under 35 U.S.C. § 112, second paragraph, the elements of claim 18 have been incorporated into claim 15 in such a way as to clarify the relationship of the surge protection circuitry with other components of the system. It is understood that Fig. 2 refers to "one embodiment of a power line infra-red (IR) transmitter 100" (para. [0008]) and paragraph [0027] states that "some of the components described herein may be combined." Accordingly, the application may include embodiments where the AC line interface and surge protection circuitry are combined.

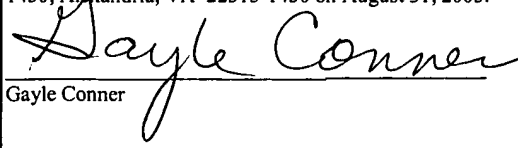
It is respectfully submitted that all pending claims in the application are in condition for allowance. Should the Examiner deem that any further amendment is needed to place this application in condition for allowance, the Examiner is invited to telephone the undersigned at the below listed telephone number.

Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on August 31, 2005.	
	
Gayle Conner	